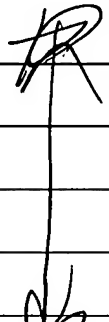


4/27/07

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron Jr.
Sheet	1	of	2	Attorney Docket Number	20412-08352

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-7,075,676	07-11-2006	Owen
	A2	US-6,964,374	11-15-2005	Djuknic et al.
	A3	US-6,856,415	02-15-2005	Simchik et al.
	A4	US-6,700,566	03-02-2004	Shimoosawa et al.
	A5	US-2003/0121006 A1	06-26-2003	Tabata et al.
	A6	US-6,189,009	02-13-2001	Stratigos et al.
	A7	US-6,170,007	01-02-2001	Venkatraman et al.

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		Foreign Patent Document			
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS					
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	C1	ASCII 24.com, [online] (date unknown), Retrieved from the Internet<URL: <a href="http://216.239.37.104/search?q=cache:z-G9M1EpvSUJ:ascii24.com/news/i/hard/article/1998/10/01/612952-000.html+%E3%82%B9%E3%...&gt;">http://216.239.37.104/search?q=cache:z-G9M1EpvSUJ:ascii24.com/news/i/hard/article/1998/10/01/612952-000.html+%E3%82%B9%E3%...&gt;</a>			
	C2	Label Producer by Maxell, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.maxell.co.jp/products/consumer/rabel_card/&gt;">http://www.maxell.co.jp/products/consumer/rabel_card/&gt;</a>			
	C3	Movie-PhotoPrint by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://cweb.canon.jp/hps/guide/rimless.html&gt;">http://cweb.canon.jp/hps/guide/rimless.html&gt;</a>			
	C4	Print From Cellular Phone by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://cweb.canon.jp/bj/enjoy/pbeam/index.html&gt;">http://cweb.canon.jp/bj/enjoy/pbeam/index.html&gt;</a>			
	C5	Print Images Plus Barcode by Fuji Xerox, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.fujixerox.co.jp/soft/cardgear/release.html&gt;">http://www.fujixerox.co.jp/soft/cardgear/release.html&gt;</a>			
	C6	Print Scan-Talk By Barcode by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the			

Examiner Signature		Date Considered	25 MAY 07
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron Jr.
Attorney Docket Number	20412-08352

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of

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**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

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		Internet<URL: <a href="http://www.epson.co.jp/osirase/2000/000217.htm">http://www.epson.co.jp/osirase/2000/000217.htm</a> >	
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	C8	R200 ScanTalk [online] (date unknown). Retrieved from the Internet<URL: <a href="http://homepage2.nifty.com/vasolza/ScanTalk.htm">http://homepage2.nifty.com/vasolza/ScanTalk.htm</a> >	
	C9	Variety of Media In, Print Paper Out by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm">http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm</a> >	

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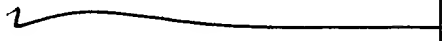
Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron Jr.
Sheet	1	of	1	Attorney Docket Number	20412-08352

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	A1	US-6,752,317	06-22-2004	Dymetman et al.
	A2	US-2003/0130952 A1	07-10-2003	Bell et al.
	A3	US-2002/0085759 A1	07-04-2002	Davies et al.

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

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Examiner Signature		Date Considered	25 MAY 07
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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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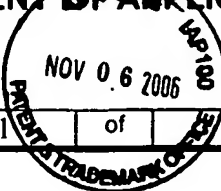
Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron Jr.
Attorney Docket Number	20412-08352

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## U.S. PATENT DOCUMENTS

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	A1	US-7,031,965	04-18-2006	Moriya et al.
	A2	US-6,892,193	05-10-2005	Bolle et al.
	A3	US-2004/0240541 A1	12-02-2004	Chadwick et al.
	A4	US-6,824,044	11-30-2004	Lapstun et al.
	A5	US-6,807,303	10-19-2004	Kim et al.
	A6	US-6,775,651	08-10-2004	Lewis et al.
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	A8	US-6,724,494	04-20-2004	Danknick
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	A10	US-2003/160898 A1	08-28-2003	Baek et al.
	A11	US-6,611,628	08-26-2003	Sekiguchi et al.
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	A13	US-6,519,360	02-11-2003	Tanaka
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	A16	US-2002/0159637 A1	10-31-2002	Echigo et al.
	A17	US-6,373,585	04-16-2002	Mastie et al.
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	A23	US-5,987,226	11-16-1999	Ishikawa et al.
	A24	US-5,903,538	05-11-1999	Fujita et al.
	A25	US-5,774,260	06-30-1998	Petitto et al.
	A26	US-5,690,496	11-25-1997	Kennedy
	A27	US-5,682,330	10-28-1997	Seaman et al.

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Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron Jr.
Attorney Docket Number	20412-08352

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A28	US-5,444,476	08-22-1995	Conway et al.
	A29	US-4,998,215	0305-1991	Black et al.
	A30	US-4,907,973	03-13-1990	Hon et al.

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
	B1	CN 1097394C	12-25-2002	IBM Corp.	
	B2	EP 1133170 A2	09-12-2001	Sony Corporation	

**OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS**

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	C1	DIMITROVA, N. et al., "Applications of Video-Content Analysis and Retrieval," IEEE Multimedia, July-September 2002, pp. 42-55.	
	C2	European Search Report, EP 04255836, September 12, 2006, 4 pages.	
	C3	European Search Report, EP 04255837, September 5, 2006, 3 pages.	
	C4	European Search Report, EP 04255839, September 4, 2006, 3 pages.	
	C5	European Search Report, EP 04255840, September 12, 2006, 3 pages.	
	C6	GRAHAM, J. et al., "A Paper-Based Interface for Video Browsing and Retrieval," ICME '03, July 6-9, 2003, pp. 749-752, Vol. 2.	
	C7	GRAHAM, J. et al., "Video Paper: A Paper-Based Interface for Skimming and Watching Video," ICCE '02, June 18-20, 2002, pp. 214-215.	
	C8	KLEMMER, S.R. et al., "Books With Voices: Paper Transcripts as a Tangible Interface to Oral Histories," CHI Letters, April 5-10, 2003, pp. 89-96, Vol. 5, Issue 1.	
	C9	MINAMI, K. et al., "Video Handling with Music and Speech Detection," IEEE Multimedia, July-September 1998, pp. 17-25.	
	C10	SHAHRARAY, B. et al, "Automated Authoring of Hypermedia Documents of Video Programs," ACM	

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First Named Inventor	Jonathan J. Hull
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Attorney Docket Number	20412-08352

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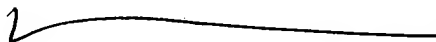
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		Multimedia '95 Electronic Proceedings, San Francisco, CA, November 5-9, 1995, pp. 1-12.	
	C11	SHAHARAY, B. et al., "Pictorial Transcripts: Multimedia Processing Applied to Digital Library Creation," IEEE, 1997, pp. 581-586.	

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SignatureDate  
Considered

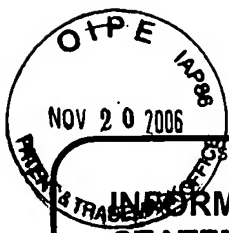
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11/20/06

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			<b>Complete if Known</b>		
			Application No.	10/814,841	
			Filing Date	March 30, 2004	
			First Named Inventor	Jonathan J. Hull	
			Art Unit	2132	
			Examiner Name	Gilberto Barron Jr.	
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	A1	US-6,009,442	12-28-1999	Chen et al.
	A2	US-5,870,552	02-09-1999	Dozier et al.
	A3	US-5,734,753	03-24-1998	Bunce
	A4	US-5,710,874	01-20-1998	Bergen
	A5	US-5,680,223	10-21-1997	Cooper et al.
	A6	US-5,499,108	03-12-1996	Cotte et al.
	A7	US-5,490,217	02-06-1996	Wang et al.
	A8	US-5,280,609	01-18-1994	MacPhail
	A9	US-5,267,303	11-30-1993	Johnson et al.

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	C1	MEYERS et al., "Facsimile with Encrypted Hard Copy," IBM Technical Disclosure Bulletin, TDB 04-78, April 1, 1978, pp. 4994-4995, [online] [Retrieved on April 7, 2006] Retrieved from the Internet<URL:http://www.ip.com/pubview/IPCOM000069447D>	

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

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
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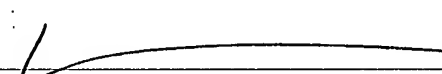
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	A1	US-7,131,058	10-31-2006	Lapstun
	A2	US-2003/0117652 A1	06-26-2003	Lapstun
	A3	US-2003/0084462 A1	05-2003	Kubota et al.
	A4	US-6,529,920	03-04-2003	Arons et al.
	A5	US-5,432,532	07-11-1995	Mochimaru et al.

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	C1	LAMMING, M. et al., "Using Automatically Generated Descriptions of Human Activity to Index Multi-media Data." IEEE Multimedia Communications and Applications IEE Colloquium. February 7, 1991. pp. 5/1-5/3.			

Examiner Signature		Date Considered	25 MAY 07
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<b>Complete if Known</b>		
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; text-align: center;">             FEB 06 2007              U.S. PATENT &amp; TRADEMARK OFFICE           </div>		Application No.	10/814,841	
		Filing Date	March 30, 2004	
		First Named Inventor	Jonathan J. Hull	
		Art Unit	2132	
		Examiner Name	Gilberto Barron Jr.	
Sheet	of	1	Attorney Docket Number	20412-08352

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-2003/0088582 A1	05-08-2003	Pflug
	A2	US-5,764,368	06-09-1998	Shibaki et al.
	A3	US-5,438,426	08-01-1995	Miake et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
	B1	WO 99/18523 A1	04-15-1999	Caere Corporation	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## Complete If Known

Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron Jr.
Attorney Docket Number	20412-08352

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
R	A1	US-7,075,676	07-11-2006	Owen
	A2	US-6,964,374	11-15-2005	Djuknic et al.
	A3	US-6,938,202	08-30-2005	Matsubayashi et al.
	A4	US-6,724,494	04-20-2004	Danknick
	A5	US-2003/0110926 A1	06-19-2003	Sitrick et al.
	A6	US-2003/0093384 A1	05-15-2003	Durst et al.
	A7	US-2002/0135800 A1	09-26-2002	Dutta
	A8	US-6,417,435	07-09-2002	Chantzis et al.
	A9	US-2002/0060748 A1	05-23-2002	Aratani et al.
	A10	US-6,373,585	04-16-2002	Mastle et al.
	A11	US-2002/0001101 A1	01-03-2002	Hamura et al.
	A12	US-6,297,851	10-02-2001	Taubman et al.
	A13	US-6,138,151	10-24-2000	Reber et al.
	A14	US-6,009,442	12-28-1999	Chen et al.
	A15	US-5,987,226	11-16-1999	Ishikawa et al.
	A16	US-5,884,056	03-16-1999	Steele
	A17	US-5,870,552	02-09-1999	Dozier et al.
	A18	US-5,765,176	06-09-1998	Bloomberg
	A19	US-5,761,686	06-02-1998	Bloomberg
	A20	US-5,754,939	05-19-1998	Herz et al.
	A21	US-5,754,308	05-19-1998	Lopresti et al.
	A22	US-5,729,665	03-17-1998	Gauthier
	A23	US-5,721,883	02-24-1998	Katsuo et al.
	A24	US-5,715,381	02-03-1998	Hamilton
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	A26	US-5,680,223	10-21-1997	Cooper et al.
	A27	US-5,581,682	12-03-1996	Anderson et al.

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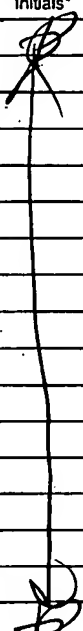

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete If Known**

Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron Jr.
Attorney Docket Number	20412-08352

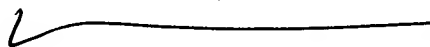
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Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A28	US-5,499,108	03-12-1996	Cotte et al.
	A29	US-5,468,371	11-21-1995	Nelson et al.
	A30	US-5,459,307	10-17-1995	Klotz, Jr.
	A31	US-5,448,375	09-05-1995	Cooper et al.
	A32	US-5,369,508	11-29-1994	Lech et al.
	A33	US-5,299,123	03-29-1994	Wang et al.
	A34	US-5,280,609	01-18-1994	MacPhail
	A35	US-5,267,303	11-30-1993	Johnson et al.
	A36	US-5,255,389	10-19-1993	Wang
	A37	US-5,243,381	09-07-1993	Hube
	A38	US-5,225,900	07-06-1993	Wright
	A39	US-5,168,371	12-01-1992	Takayanagi
	A40	US-5,161,037	11-03-1992	Saito
	A41	US-5,060,135	10-22-1991	Levine et al.
	A42	US-4,987,447	01-22-1991	Ojha
		A43	US-4,205,780	06-03-1980
A44		US-4,133,007	01-02-1979	Wessler et al.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron Jr.
Attorney Docket Number	20412-08352


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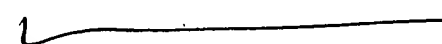
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**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

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	C1	POON, K.M. et al., "Performance Analysis of Median Filtering on Meiko™ – A Distributed Multiprocessor System," IEEE First International Conference on Algorithms and Architectures for Parallel Processing, 1995, pp. 631-639.	

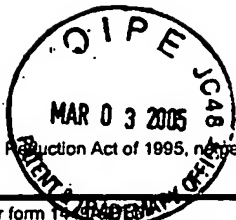
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<b>Substitute for form 14-000001</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
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		US-		
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FOREIGN PATENT DOCUMENTS					
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	B1	WO 99/18523	04-15-1999	Caere Corporation	

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Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
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Examiner Name	Gilberto Barron, Jr.
Attorney Docket Number	20412-08352

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## U.S. PATENT DOCUMENTS

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<i>[initials]</i>	A1	US-2002/0163653 A1	11-07-2002	Struble et al.
<i>[initials]</i>	A2	US-6,466,329	10-15-2002	Shunichi
<i>[initials]</i>	A3	US-2002/0097426 A1	07-25-2002	Gusmano et al.
<i>[initials]</i>	A4	US-5,754,308	05-19-1998	Lopresti et al.
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		US-		

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<i>[initials]</i>	C1	"Flowport, Paper that knows where it's going," specification sheet, 2 pages total.	
<i>[initials]</i>	C2	< <a href="http://www.zdnet.com.au/printfriendly?AT=2000023555-20270277-4">http://www.zdnet.com.au/printfriendly?AT=2000023555-20270277-4</a> >, "Captured! Three document capture systems tested, November 28, 2002," visited on April 29, 2003, 9 pages total.	
<i>[initials]</i>	C3	LUTZ, Raymond, "BrowseFax Initiative," MPFA Information Site, downloaded from internet, <a href="http://www.mtpa.org/pub/browsefax_wp.htm">http://www.mtpa.org/pub/browsefax_wp.htm</a> on 5/14/04	
<i>[initials]</i>	C4	Xerox FlowPort Software, Solutions for the Legal Market from Xerox, 2001 XEROX Corporation, 4 pages total.	

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Sheet 1 of 1

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	A1	US-6,983,482	01-03-2006	Morita et al.
	A2	US-2003/0002068 A1	01-02-2003	Constantin et al.
	A3	US-2002/0169849 A1	11-14-2002	Schroath
	A4	US-6,115,718	09-05-2000	Huberman et al.
	A5	US-5,436,792	07-25-1995	Leman et al.
	A6	US-5,255,389	10-19-1993	Wang
	A7	US-5,060,135	10-22-1991	Levine et al.

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	C1	GROPP, W. et al., "Using MPI-Portable Programming with the Message Passing Interface," copyright 1999, pp. 35-42, second edition, MIT Press.	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application No. 10/814,841  
Filing Date March 30, 2004  
First Named Inventor Jonathan J. Hull  
Art Unit 2132  
Examiner Name Gilberto Barron Jr.  
Attorney Docket Number 20412-08352

Sheet 1 of 2

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	A1	US-6,409,401	06-25-2002	Petteruti et al.
	A2	US-6,301,660	10-09-2001	Benson
	A3	US-6,009,442	12-28-1999	Chen et al.
	A4	US-5,870,552	02-09-1999	Dozier et al.
	A5	US-5,812,664	09-22-1998	Bernobich et al.
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	A14	US-5,581,682	12-03-1996	Anderson et al.
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	A22	US-5,255,389	10-19-1993	Wang
	A23	US-5,243,381	09-07-1993	Hube
	A24	US-5,225,900	07-06-1993	Wright
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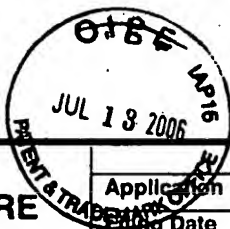
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***Complete if Known*

Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron Jr.
Attorney Docket Number	20412-08352

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of

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
<i>JD</i>	A28	US-4,987,447	01-22-1991	Ojha

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

**OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>

Examiner Signature	<i>[Signature]</i>	Date Considered	25 MAY 07
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application No.	10/814,841
Filing Date	March 30, 2004
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Examiner Name	Gilberto Barron, Jr.
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Sheet 1 of 15

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Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-6,774,951	08-10-2004	Narushima
	A2	US-2004/0090462 A1	05-13-2004	Graham
	A3	US-6,874,538	01-06-2004	Takahashi
	A4	US-6,665,092	12-16-2003	Reed
	A5	US-2003/0220988 A1	11-27-2003	Hymel
	A6	US-2003/0184598 A1	10-02-2003	Graham
	A7	US-2003/0163552 A1	08-28-2003	Savitzky et al.
	A8	US-6,611,622	08-26-2003	Krumm
	A9	US-6,594,377	07-15-2003	Kim et al.
	A10	US-2002/0185533 A1	12-12-2002	Shieh et al.
	A11	US-6,476,793	11-05-2002	Motoyama et al.
	A12	US-6,466,534	10-15-2002	Cundiff, Sr.
	A13	US-2002/0101513 A1	08-01-2002	Halverson
	A14	US-2002/0097426 A1	07-25-2002	Gusmano, et al.
	A15	US-6,421,738	07-16-2002	Ratan et al.
	A16	US-2002/0048224 A1	04-25-2002	Dygert et al.
	A17	US-6,373,498	04-16-2002	Abgrall
	A18	US-6,369,811	04-09-2002	Graham et al.
	A19	US-2002/0010641 A1	01-24-2002	Stevens et al.
	A20	US-6,332,147	12-18-2001	Moran et al.
	A21	US-6,308,887	10-30-2001	Korman et al.
	A22	US-6,296,693	10-02-2001	McCarthy
	A23	US-6,262,724	07-17-2001	Crow et al.
	A24	US-2001/0003846 A1	06-14-2001	Rowe et al.
	A25	US-6,193,658	02-27-2001	Wendelken et al.

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Sheet	2	of	15
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	A26	US-6,182,090	01-30-2001	Peairs
	A27	US-6,175,489	01-16-2001	Markow et al.
	A28	US-6,153,667	11-28-2000	Howald
	A29	US-6,118,888	09-12-2000	Chino et al.
	A30	US-6,106,457	08-22-2000	Perkins et al.
	A31	US-6,101,503	08-08-2000	Cooper et al.
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	A33	US-6,094,648	07-25-2000	Aalbersberg et al.
	A34	US-6,055,542	04-25-2000	Nielsen et al.
	A35	US-6,028,601	02-22-2000	Machiraju et al.
	A36	US-6,026,409	02-15-2000	Blumenthal
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	A38	US-6,006,218	12-21-1999	Breese et al.
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	A42	US-5,987,454	11-16-1999	Hobbs
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	A45	US-5,982,507	11-09-1999	Weiser et al.
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	A50	US-5,940,776	08-17-1999	Baron et al.

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Sheet 3 of 15

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	A51	US-5,936,542	08-10-1999	Kleinrock et al.
	A52	US-5,933,841	08-03-1999	Schumacher et al.
	A53	US-5,803,538	05-11-1999	Fujita et al.
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	A61	US-5,819,301	10-06-1998	Rowe et al.
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Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron, Jr.
Attorney Docket Number	20412-08352

Sheet 4 of 15

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
JR	A76	US-5,694,559	12-02-1997	Hobson et al.
	A77	US-5,686,957	11-11-1997	Baker
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	A96	US-5,170,935	12-15-1992	Federspiel et al.
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			Application No.	10/814,841	
			Filing Date	March 30, 2004	
			First Named Inventor	Jonathan J. Hull	
			Art Unit	2132	
Examiner Name	Gilberto Barron, Jr.				
Sheet	5	of	15	Attorney Docket Number	20412-08352

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JR	A101	US-5,091,948	02-25-1992	Kametani
	A102	US-4,907,973	03-13-1990	Hon
	A103	US-4,881,135	11-14-1989	Hellwell
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	A108	US-4,417,239	11-22-1983	Demke et al.

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JR	B1	JP 8-297677 A	11-12-1996	Xerox Corporation	
	B2	GB 2 290 898 A	01-10-1996	Canon Business Machines, Inc.	
	B3	GB 2 234 609 A	02-06-1991	IBM Corporation	
	B4	GB 2 156 118 A	10-02-1985	Canon Kabushiki Kaisha	
	B5	GB 2 137 788 A	10-10-1984	Gavilan Computer Corporation	
	B6	EP 1 001 605 A3	05-17-2000	Xerox Corporation	
	B7	EP 802 492 A1	10-22-1997	IBM Corporation	
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	B9	EP 737 927 A2	10-16-1996	Xerox Corporation	
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				Filing Date	March 30, 2004
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				Art Unit	2132
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Sheet	6	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS			
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	C1	ABDEL-MOTTALEB, M. et al., "Face Detection in Complex Environments From Color Images," IEEE ICIP 622-626, 1999.	
	C2	Acrobat Reader Version 2.0 (software application), Adobe Systems Incorporated, screenshots Figures 1-10 (1994).	
	C3	Adobe Acrobat Reader 3.0 screen dumps (fig. 1-3), 1996.	
	C4	Adobe Premiere (video editing software) from <a href="http://www.adobe.com">http://www.adobe.com</a> (2002)	
	C5	Adobe Systems, Inc., "Adobe Photoshop 4.0 User Guide for Macintosh and Windows," 1996, Title Page, Copyright Page, Chap. 2, pp. 30-31.	
	C6	Apple Macintosh system 7 reference manual, pages 30-31 (1991)	
	C7	ARONS, B. "SpeechSkimmer: A System for Interactively Skimming Recorded Speech," ACM Transactions on Computer-Human Interaction 4(1):3-38.	
	C8	BALL, THOMAS et al., "Software Visualization in the Large," IEEE Computer, Vol. 29, No. 4, April 1996, pp. 33-43, <a href="http://www.computer.org/computer/co1996/r4033abs.htm">http://www.computer.org/computer/co1996/r4033abs.htm</a> .	
	C9	BEGOLE et al., "Flexible Collaboration Transparency," doc. ID: ncstri.vatach_cs/TR-98-11, Virginia Polytechnic Institute and State University, 1998.	
	C10	BEGOLE et al. "Flexible Collaboration Transparency: Supporting Worker Independence In Replicated Application-Sharing Systems," ACM Transactions On Computer-Human Interaction, June 1999, pp. 95-132, Vol. 6, No. 2.	
	C11	BEGOLE et al., "Supporting Worker Independence in Collaboration Transparency," ACM 0-58113-034-1/98/11, Virginia Polytechnic Institute and State University, pp. 133-142, 1998.	
	C12	BEGOLE et al., "Supporting Worker Independence In Collaboration Transparency," technical report from the Computer Science Department of Virginia Tech, doc. ID: ncstri.vatech_cs/TR-98-12.	
	C13	BOBICK et al., "A State Based Approach to the Representation and Recognition of Gesture," IEEE Trans. On Pattern Analysis and Machine Intelligence, pp. 1325-1337, 1997.	
	C14	BOGURAEV et al., "Salience-Based Content Characterization Of Text Documents," ACL/EACL'97 Intelligent Scalable Text Summarization Workshop Program, July 11, 1997, 14 pages.	
	C15	BOGURAEV et al., "Salience-based Content Characterization of Text Documents," in Proceedings of Workshop on Intelligent Scalable Text Summarization at the ACL/EACL Conference, Madrid, Spain, 12 pages, July 7-12, 1997.	
	C16	BORECZKY, J. et al., "An Interactive Comic Book Presentation for Exploring Video," Conference on Human	

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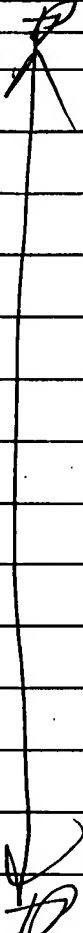
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

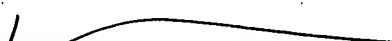
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			Art Unit	2132	
			Examiner Name	Gilberto Barron, Jr.	
Sheet	7	of	15	Attorney Docket Number	20412-08352

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	C22	"c:\...\9149920c.wpd – unmodified" Screen Shots of document created in Corel WordPerfect, 4 pages (April 30, 2002)	
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	C24	CHEN et al., "ViBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems, September 20-22, 1999, Boston 3846:148-164, 1999.	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application No.	10/814,841	
			Filing Date	March 30, 2004	
			First Named Inventor	Jonathan J. Hull	
			Art Unit	2132	
			Examiner Name	Gilberto Barron, Jr.	
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	C32	DIVAKARAN, A. et al., "Video Browsing System Based on Compressed Domain Feature Extraction," IEEE Transactions on Consumer Electronics 46:637-644.		
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	C40	"Facelt Face Recognition Technology Frequently Asked Technical Questions," Visionics Corporation, 36 pages.		
	C41	"Flexible JAMM Screenshots," downloaded from internet site <a href="http://simon.cs.ct.edu/~jamm">http://simon.cs.ct.edu/~jamm</a> 5/4/00.		
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	C45	FURUI et al., "Japanese Broadcast News Transaction and Information Extraction," Communications of the ACM, 43(2):71-73, Feb. 2000.		
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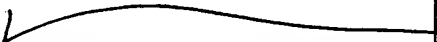
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			First Named Inventor	Jonathan J. Hull	
			Art Unit	2132	
			Examiner Name	Gilberto Barron, Jr.	
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R	C48	Parallel Text Alignment," Handbook of Internet and Multimedia Systems and Applications, CRC Press, 1998.		
		GLANCE, NATALIE et al., "Knowledge Pump: Community-Centered Collaborative Filtering," Xerox Research Centre Europe, Grenoble Laboratory, October 27, 1997, pp. 1-5.		
	C49	GLIEDMAN, J., "Virtual Office Managers," Computer Shopper, 18(9):290, 1998.		
	C50	GOPAL, S. et al., "Load Balancing in a Heterogeneous Computing Environment," Proceedings of the Thirty-First Hawaii International Conference on System Sciences," 6-9 January 1998.		
	C51	GORDON, "Using Annotated Video as in Information Retrieval Interface," ACM Proceedings of the 5 <sup>th</sup> International Conference on Intelligent User Interfaces, New Orleans, pp. 133-140, 2000.		
	C52	GRASSO, A. et al., "Augmenting Recommender Systems By Embedding Interfaces Into Practices," Proceedings of the 33 <sup>rd</sup> Hawaii International Conference on System Sciences 2000 IEEE, pp. 1-9.		
	C53	GRASSO, ANTONIETTA et al., "Supporting Informal Communication Across Local and Distributed Communities," Xerox Research Centre Europe, Grenoble, France, 8 pages.		
	C54	GREENBERG, Saul, "A Fisheye Text Editor For Relaxed-WYSIWIS Groupware," ACM SIGCHI'96 Conference on Human Factors in Computing System, Companion Proceedings, 1996, pp. 212-213.		
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JP	C57	GROPP, W. et al., "Using MPI – Portable Programming with the Message-Passing Interface," copyright 1999, pages 35-42, second edition, MIT Press.		
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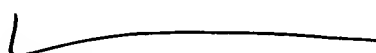
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron, Jr.
Attorney Docket Number	20412-08352

Sheet 10 of 15

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		Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), Denver, CO., pp/ 1-8, May 1995, <a href="http://www.acm.org/sigchi/chi95/Electronic/documents/papers/mah_bdy.htm">http://www.acm.org/sigchi/chi95/Electronic/documents/papers/mah_bdy.htm</a> .		
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A	C91	MAYBURY et al., "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems, 1997, pp. 442-449.		
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<i>TD</i>		95, San Francisco, CA, November 5-9, 1995.	
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	C111	SMITH et al., "Video Skimming and Characterization Through the Combination of Image and Language Understanding," Computer Vision and Pattern Recognition IEEE 1997.	
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Examiner Signature	<i>[Signature]</i>	Date Considered	<i>25 MAY 07</i>
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			Filing Date	March 30, 2004	
			First Named Inventor	Jonathan J. Hull	
			Art Unit	2132	
			Examiner Name	Gilberto Barron, Jr.	
Sheet	14	of	15	Attorney Docket Number	20412-08352

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		from the Internet: <URL: <a href="http://www.tastfotoart.com">http://www.tastfotoart.com</a> >.	
	C123	TAXT, T., "Segmentation of Document Images," IEEE, 11(12):1322-1329 (1989).	
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	C129	VideoLogger, Automate Video Acquisition And Production, Virage, Inc., [online] [Retrieved on April 26, 2002] Retrieved from the Internet<URL:< <a href="http://www.virage.com/products/details.cfm?productID=5&amp;categoryID=1">http://www.virage.com/products/details.cfm?productID=5&amp;categoryID=1</a> >	
	C130	"Video Mail Retrieval Using Voice" Cambridge University Engineering Department Computer Laboratory and Olivetti Research Laboratory summary of research found at <a href="http://svr-www.eng.cam.ac.uk/research/projects/vmr/">http://svr-www.eng.cam.ac.uk/research/projects/vmr/</a> (1997)	
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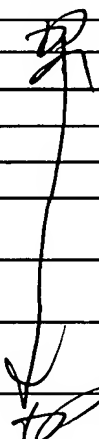
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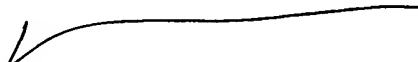
<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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			First Named Inventor	Jonathan J. Hull	
			Art Unit	2132	
			Examiner Name	Gilberto Barron, Jr.	
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		11, 1999, Florence, Italy, 2:913-918, 1999.	
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	C138	Xerox, "Flowport, Paper that knows where it's going," Xerox Corporation, specification sheet, 1 page.	
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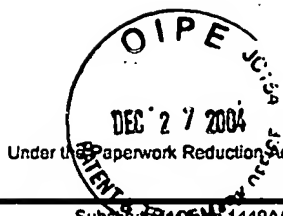
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				Art Unit	2132
Examiner Name	Gilberto Barron, Jr.				
Sheet	1	of	3	Attorney Docket Number	20412-08352

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-6,552,743 B1	04-22-2003	Rissman
	A2	US-2003/0038971 A1	02-27-2003	Renda
	A3	US- D468,277 S	01-07-2003	Sugiyama
	A4	US-2002/0140993 A1	10-03-2002	Silverbrook
	A5	US-6,442,338 B1	08-27-2002	Lemelson
	A6	US-2002/0099534 A1	07-25-2002	Hegarty
	A7	US-6,378,070 B1	04-23-2002	Chan et al.
	A8	US-2002/0087503 A1	06-06-2002	Hiatt
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	A14	US-2001/0017714 A1	08-30-2001	Komatsu et al.
	A15	US-5,493,409	02-20-1998	Maeda et al.
	A16	US-5,432,532	07-11-1995	Mochimaru et al.
	A17	US-4,998,215	03-05-1991	Black et al.
	A18	US-4,635,132	01-06-1987	Nakamura

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

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	C1	ASCII 24.com, [online] (date unknown), Retrieved from the Internet<URL: <a href="http://216.239.37.104/search?q=cache:z-G9M1EpvSUJ:ascii24.com/news/i/hard/article/1998/10/01/612952-000.html+%E3%82%B9%E3%...&gt;">http://216.239.37.104/search?q=cache:z-G9M1EpvSUJ:ascii24.com/news/i/hard/article/1998/10/01/612952-000.html+%E3%82%B9%E3%...&gt;</a>	
	C2	Configuring A Printer (NT), Oxford Computer Support [online] [Retrieved on November 13, 2003] Retrieved from the Internet<URL: <a href="http://www.nox.ac.uk/cehoxford/ccs/facilities/printers/confignt.htm">http://www.nox.ac.uk/cehoxford/ccs/facilities/printers/confignt.htm</a> >	
	C3	"DocumentMall Secure Document Management" [online] [Retrieved on March 9, 2004]. Retrieved from the Internet" <URL: <a href="http://www.documentmall.com">http://www.documentmall.com</a> >.	
	C4	GIRGENSOHN, ANDREAS et al., "Time-Constrained Keyframe Selection Technique," Multimedia Tools and Applications (2000), Volume 11, pp. 347-358.	
	C5	GRAHAM, JAMEY et al., "A Paper-Based Interface for Video Browsing and Retrieval," IEEE International Conference on Multimedia and Expo (July 6-9, 2003), Volume 2, P:II 749-752.	
	C6	GRAHAM, JAMEY et al., "The Video Paper Multimedia Playback System," Proceedings of the 11 <sup>th</sup> ACM International Conference on Multimedia (November 2003), pp. 94-95.	
	C7	GRAHAM, JAMEY et al., "Video Paper: A Paper-Based Interface for Skimming and Watching Video," International Conference on Consumer Electronics (June 16-18, 2002), pp. 214-215.	
	C8	HULL, JONATHAN J. et al., "Visualizing Multimedia Content on Paper Documents: Components of Key Frame Selection for Video Paper," Proceedings of the 7 <sup>th</sup> International Conference on Document Analysis and Recognition (2003), Volume 1, pp. 389-392.	
	C9	"Kofax: Ascent Capture: Overview" [online] [Retrieved on January 22, 2004]. Retrieved from the Internet: <URL: <a href="http://www.kofax.com/products/ascent/capture">http://www.kofax.com/products/ascent/capture</a> >.	
	C10	Label Producer by Maxell, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.maxell.co.jp/products/consumer/rabel_card/">http://www.maxell.co.jp/products/consumer/rabel_card/</a> >	
	C11	Movie-PhotoPrint by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://cweb.canon.jp/hps/guide/rimless.html">http://cweb.canon.jp/hps/guide/rimless.html</a> >	
	C12	PostScript Language Document Structuring Conventions Specification", Version 3.0 (September 25, 1992), Adobe Systems Incorporated.	

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	C13	Print From Cellular Phone by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://cweb.canon.jp/bi/enjoy/pbeam/index.html">http://cweb.canon.jp/bi/enjoy/pbeam/index.html</a> >	
	C14	Print Images Plus Barcode by Fuji Xerox, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.fujixerox.co.jp/soft/cardgear/release.html">http://www.fujixerox.co.jp/soft/cardgear/release.html</a> >	
	C15	Print Scan-Talk By Barcode by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.epson.co.jp/osirase/2000/000217.htm">http://www.epson.co.jp/osirase/2000/000217.htm</a> >	
	C16	Printer With CD/DVD Tray, Print CD/DVD Label by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.i-love-epson.co.jp/products/printer/inkjet/pmd750/pmd7503.htm">http://www.i-love-epson.co.jp/products/printer/inkjet/pmd750/pmd7503.htm</a> >	
	C17	R200 ScanTalk [online] (date unknown). Retrieved from the Internet<URL: <a href="http://homepage2.nifty.com/vasolza/ScanTalk.htm">http://homepage2.nifty.com/vasolza/ScanTalk.htm</a> >	
	C18	Variety of Media In, Print Paper Out by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm">http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm</a> >	

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